

In the Claims:

Please cancel Claim 2, without prejudice, and amend Claims 1, 3 and 4, as indicated below. The status of all pending claims is as follows:

1. (Currently Amended) A tire-side-mounted electronic device comprising:

at least two types of power sources having different discharging characteristics from each ~~other~~, other;

an electric load connected to the power ~~sources~~, sources; and

a switching circuit,

wherein the at least two types of power sources are connected to the electric load via the switching circuit, and the switching circuit switches between the at least two types of power sources based on one of temperature, tire rotation and vehicle speed.

2. (Cancelled)

3. (Currently Amended) A tire-side-mounted electronic device according to ~~claim 2~~, claim 1, wherein the switching circuit includes a switching element comprising a metal-oxide semiconductor field-effect transistor, and the electric load includes a temperature sensor for detecting tire temperature and a processor unit for driving the

switching element according to a detected signal from the temperature sensor to switch the switching circuit.

4. (Currently Amended) A tire-side-mounted electronic device according to ~~claim 2~~, claim 1, wherein the at least two types of power sources comprise batteries having different discharging characteristics.

5. (Original) A tire-side-mounted electronic device according to claim 4, wherein the batteries include batteries having different temperature-dependant discharging characteristics.

6. (Original) A tire-side-mounted electronic device according to claim 5, wherein the batteries are chemical batteries.

7. (Original) A tire-side-mounted electronic device according to claim 6, wherein the chemical batteries include a manganese dioxide cell and a graphite fluoride cell.

8. (Previously Presented) A tire-side-mounted electronic device according to claim 1, wherein the at least two types of power sources comprise a primary battery and a secondary battery connected to charging means.

9. (Original) A tire-side-mounted electronic device according to claim 8, wherein the primary battery is a chemical battery.

10. (Previously Presented) A tire-side-mounted electronic device according to claim 1, wherein the at least two types of power sources comprise a chemical battery and an electric power generator.

11. (Previously Presented) A tire-side-mounted electronic device according to claim 1, wherein the tire-side-mounted electronic device is a tire air pressure detection device, and the electric load includes a pressure sensor for detecting tire pressure and a transmitting unit for transmitting a signal detected by the pressure sensor.